

## EXHIBIT A

From Page No. 11246XRHF2357

The version 1 preparation (p11246) had a very strong ammonia smell.  $\therefore$  it is decided to try again with lower NH<sub>4</sub> OH level.

9/27/00

A 2000 g batch is prepared. The first 3 ingredients are included in the saponified fat (p54). The saponified fat consists of a water & solid portion. Water portion =  $(1883)(.323) = 608g$ . The remainder (1275g) consists of several out solid soap.

Purr Program:

RT  $\rightarrow$  140°C over 45 min  
 140°C Hold 60 min  
 140°C  $\rightarrow$  50°C over 30 min

Note: still has pretty strong ammonia smell. Maybe increasing to 150° in Purr program will make more of the NH<sub>4</sub> react

9/28/00

Purr V2 again but ramp up to 150°C

I immediately formulate XL D 12357 which consists of 95% IPA/US (lot 234-0-I) + 5% V2 (150°) Test against one lot IPA/US on SPD.

Test	at	lot choice	IR
13236	SR	13A	.61 (.72, .49)
13237	sterb	4A	.74 (.87, .62)

Spectrum in air

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Witnessed &amp; Understood by me, \_\_\_\_\_

Date \_\_\_\_\_

Invented by \_\_\_\_\_

Date \_\_\_\_\_

Recorded by f. Pella

Applied Food Biotechnology

Plant: 2 LPN  
PI-Code: XRH12357 SF-HTR

≡ X RH 12357  
v1

Production Formula

Ingr Code	Ingredient Name	Amount	Mix %	Current Cost
SubstMx	PotrFatMix+FA's	338.200	33.8200	0.2146
738	WATER	531.900	53.1900	0.0000
722	SODIUM HYDROXIDE	71.200	7.1200	0.1100
726	SODIUM SULFIDE	25.000	2.5000	1.8000
748	AMMONIUM HYDROXI	12.500	1.2500	0.0450
737	TWEEN 80	21.000	2.1000	1.3300
734	TOCOPHEROLS, MIXE	0.200	0.0200	22.2500

Total Batch: 1000.000 0.1584 /Lb

Applied Food Biotechnology

Plant: 2 LPN  
PI-Code: XRH12357 5% SF-HTR + 95% NPLUS  
X HPLUS, v1

Production Formula

Ingr Code	Ingredient Name	Amount	Mix %	Current Cost
RLH-PLUS	H-PLUS	1900.000	95.0000	0.1662
XRH12357	SF-HTR	100.000	5.0000	0.0000

Total Batch: 2000.000 0.1579 /Lb

Witnessed